

# sunFlower

## Mesh Antenna Device 2

SunFlower – Mesh Antenna Device (MAD) – is a wireless mesh node operating over IEEE802.11 b / g / n and 802.11ac standards. It provides up to 1267 Mbps on 2.4G & G5 frequency, supports built in BLE and ZigBee IoT modules and is equipped with 3 Gigabit Ethernet ports (one WAN port and two LAN)

MADs create a full mesh network on 400 Mb/s bandwidth; more, with OpenWRT each device integrates advanced routing functions and can be configured and expanded.

Such devices can also be used as open, flexible and robust wired / wireless platforms that, thanks to the multiple programming languages and protocols available, allow the development of customized applications (edge computing) and IoT.

### IoT INFRASTRUCTURE



Features	
<b>Product Code</b>	50.100006.005
<b>Chipset CPU</b>	IPQ4029 Quad-core ARM, @717MHz SoC
<b>System Memory</b>	DDR3L 512MB / FLASH 16MB + EMMC 8GB
<b>Antenna</b>	Internal
<b>Wireless</b>	802.11 a/b/g/n/ac
<b>Expansion</b>	1 x 9.2mm height Mini PCI-e slot
<b>Interface</b>	1 x WAN Ethernet port 2 x LAN Ethernet port 3 x LEDs 1 x USB 3.0 port
<b>WiFi Speed</b>	2.4GHz (400Mbps) 2x2, 5GHz: (867Mbps) 2x2
<b>TX Power</b>	2.4GHz: 20dBm (11b) Max, 5GHz: 20dBm (11a) Max
<b>Ethernet Port</b>	3 x 10/100/1000M
<b>LEDs</b>	Wireless status indication / Mesh LED / Power Supply
<b>Bluetooth &amp; Zigbee</b>	Both Optional
<b>Power Input</b>	12V/1.5A
<b>Power Consumption</b>	<7W
<b>Operating Temperature</b>	-20°C - 40°C (-4 - 104°F)
<b>Storage Temperature</b>	-20°C - 70°C (-4 - 158°F)
<b>Size and Weight</b>	117x117x55 mm / 240g
<b>Warranty</b>	1 year

